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H.O 350 TORQUE SPECIFICATIONS	
CAMSHAFT RETAINER BOLT/SCREW	106 IN.-LBS
CAMSHAFT SPROCKET BOLT/SCREW	18 FT.-LBS
CONNECTING ROD NUT	20 FT.-LBS + ADDITIONAL 55 DEG./006" BOLT STRETCH PREFERRED
CRANKSHAFT BALANCER BOLT/SCREW	63 FT.-LBS.
CRANKSHAFT BALANCER PULLEY	35 FT.-LBS
CRANKSHAFT BEARING CAP BOLT/STUD	INNER: 70 FT.-LBS OUTER: 65 FT.-LBS
CRANKSHAFT REAR OIL SEAL HOUSING BOLT	11 FT.-LBS
CYLINDER HEAD BOLT/SCREW	65 FT.-LBS
DISTRIBUTOR BOLT/SCREW	25 FT.-LBS
DRAIN PLUG	15 IN.-LBS
ENGINE BLOCK OIL GALLERY PLUG	15 FT.-LBS
ENGINE FRONT COVER BOLT	97 IN.-LBS
EXHAUST MANIFOLD STUD OR BOLT	26 FT.-LBS
FLYWHEEL BOLT/SCREW	65-70 FT.-LBS
FRONT COVER	10 FT.-LBS
INTAKE BOLTS FIRST PASS	15 FT.-LBS
SECOND PASS	35 FT.-LBS
OIL FILTER ADAPTER BOLT/SCREW	17 FT.-LBS
OIL LEVEL INDICATOR TUBE BOLT/SCREW	106 IN.-LBS
OIL PAN ASSEMBLY CORNER BOLTS	15 FT.-LBS
SIDE RAIL BOLTS	97 IN.-LBS
OIL PAN BAFFLE NUT	30 FT.-LBS
OIL PAN DRAIN PLUG	15 FT.-LBS
OIL PUMP BOLT TO RR CRANKSHAFT CAP	66 FT.-LBS
OIL PUMP COVER BOLT	80 IN.-LBS
SPARK PLUG	15 FT.-LBS
STARTER MOTOR BOLT	35 FT.-LBS
VALVE LIFTER GUIDE RETAINER BOLT	18 FT.-LBS
VALVE ROCKER ARM BALL STUD	50 FT.-LBS
VALVE ROCKER ARM COVER BOLT	106 IN.-LBS
WATER PUMP BOLTS	30 FT.-LBS

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BIG BLOCK TORQUE SPECIFICATIONS				
TORQUE SPECS				TECHNICAL SPECS
MAIN BEARINGS			FIRING ORDER	1-8-4-3-6-5-7-2
INNER	110 FT LBS	OIL	SPARK ADVANCE	MAXIMUM OF 36-40 DEGREES BTDC
OUTER	110FT LBS.	OIL	MAXIMUM OIL TEMP	270 DEGREES IN THE PAN
CONNECTING ROD (7/16")	67-73 FT LBS.	OIL	MIN. FUEL PRESSURE	4-5 PSI AT MAXIMUM ENGINE SPEED
CYLINDER HEAD BOLT	70	SEALANT	PISTON TO BORE	.0065-.0075" MEASURED AT CENTERLINE OF WRIST PIN HOLE,
HEAD STUDS (7/16" NF)	65	OIL		PERPENDICULAR TO PIN, FOR CHEVY FORGED PISTONS. FOLLOW
ROCKER ARM STUD	50	OIL		MANUFACTURER'S RECOMMENDATIONS FOR OTHER PISTONS.
CAMSHAFT SPROCKET	20	OIL		FINISH BORES WITH 400 GRIT STONES OR EQUIVALENT.
INTAKE MANIFOLD	25	OIL	MINIMUM PISTON	
FLYWHEEL	60	OIL	RING END GAP	TOP .018", 2ND .016" OIL RAILS .016"
SPARK PLUGS			WRIST PIN	.0006-.0008" IN PISTON (.0005-.0008" IN BUSHED ROD FOR FLOATING
ALUM HEAD CONVENTIONAL	25	ANTI-SEIZE		PIN, 0-.005" END PLAY PREFERRED.)
ALUM HEAD TAPERED SEAT	15	ANTI-SEIZE	ROD BEARING	.002-.003"
IRON HEAD TAPERED SEAT	15	DRY	CRANK END PLAY	.005-.007"
EXHAUST MANIFOLD	20	ANTI-SEIZE	PISTON TO HEAD	.035/.040" MINIMUM (STEEL ROD)
OIL PAN BOLT	165 IN LBS	OIL	VALVE LASH	AS SPECIFIED BY CAMSHAFT MANUFACTURER.
FRONT COVER BOLT	75 IN LBS	OIL	VALVE TO PISTON	
ROCKER COVER	25 IN LBS.	ANTI-SEIZE	CLEARANCE	.045" EXHAUST AND INTAKE AT RUNNING VALVE LASH.
				NOTE: THESE ARE ABSOLUTE MINIMUM CLEARANCES FOR AN
				FOR AN ENGINE RUNNING BELOW THE VALVETRAIN LIMITING
				SPEED. MORE CLEARANCE MUST BE ALLOWED FOR ENGINES
				OPERATING AT VALVETRAIN LIMITING SPEED: ALLOW .080" INTAKE
				AND .100" EXHAUST VALVE CLEARANCE FOR HIGH RPM ENGINES

	NOTE: THESE SPECIFICATIONS ARE INTENDED AS GENERAL GUIDELINES FOR HIGH-PERFORMANCE AND COMPETITION APPLICATIONS			
	DIFFERENT CLEARANCES AND SPECIFICATIONS MAY BE REQUIRED DEPENDING ON OPERATING CONDITIONS AND COMPONENTS			
	USED. ALWAYS FOLLOW FELLOW MANUFACTURER'S RECOMMENDATIONS WHEN INSTALLING AFTERMARKET COMPONENTS.			

